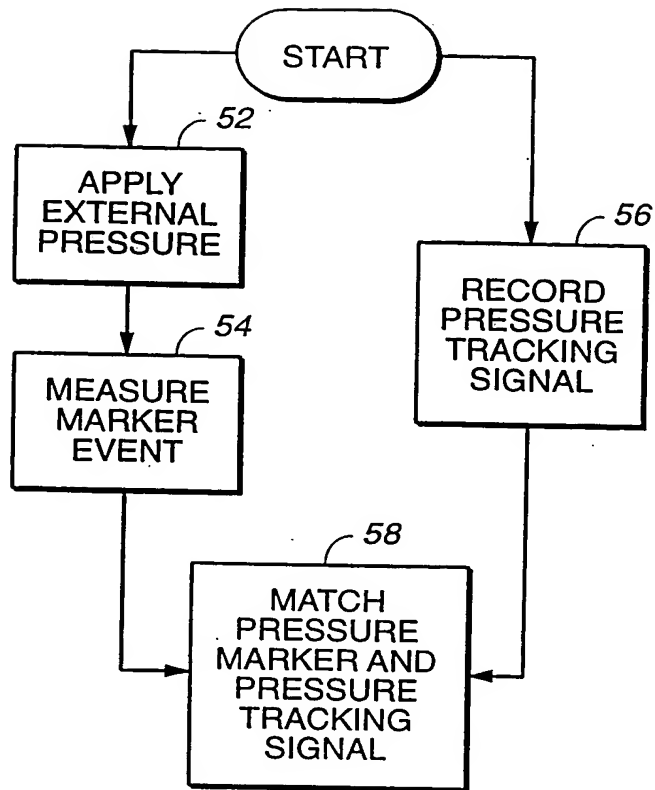
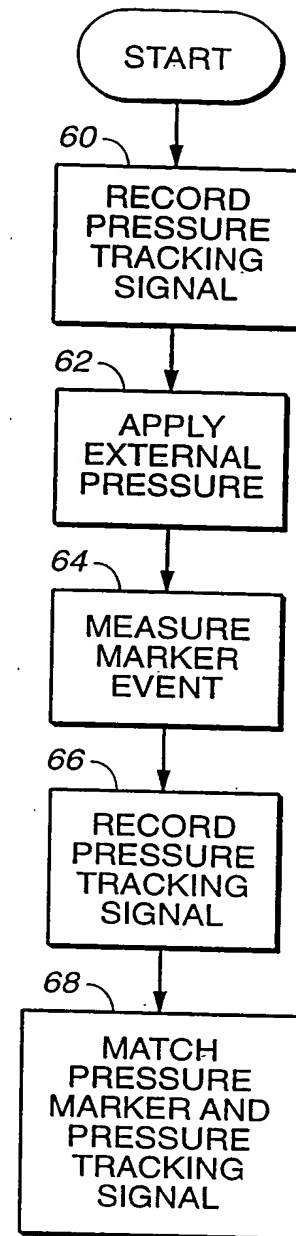




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**FIG. 3****FIG. 4**

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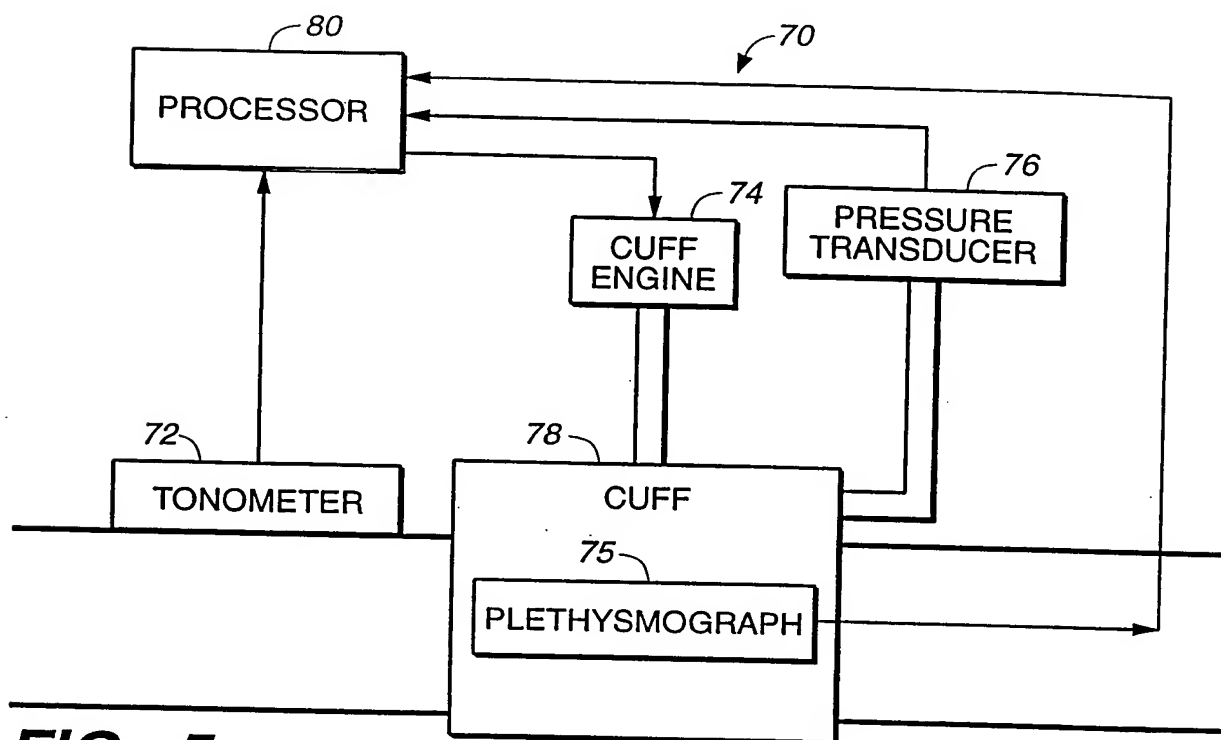


FIG. 5

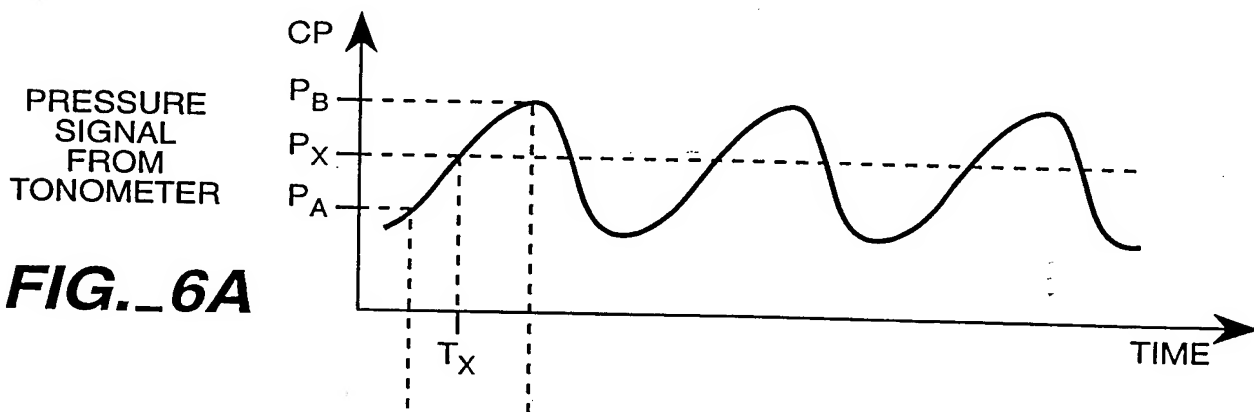


FIG. 6A

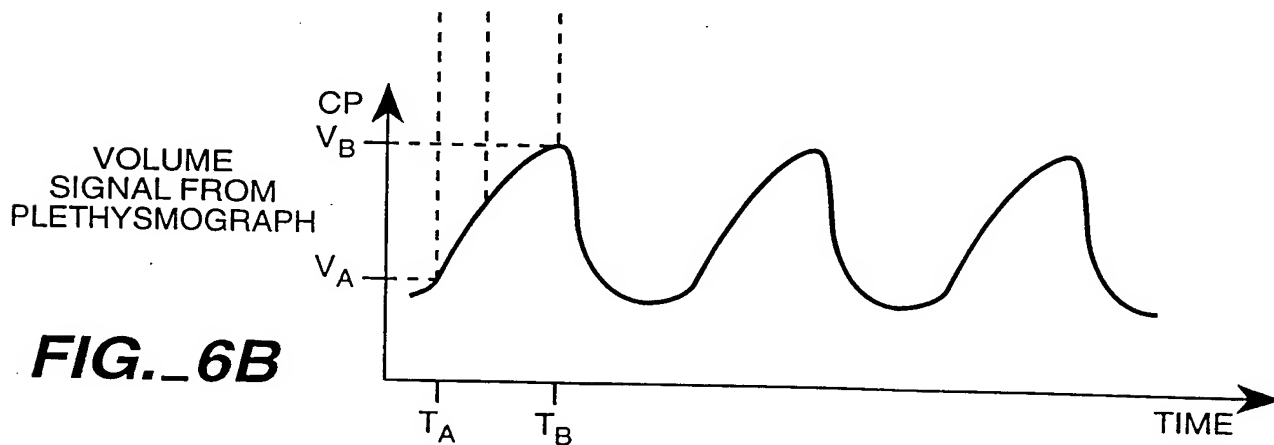


FIG. 6B

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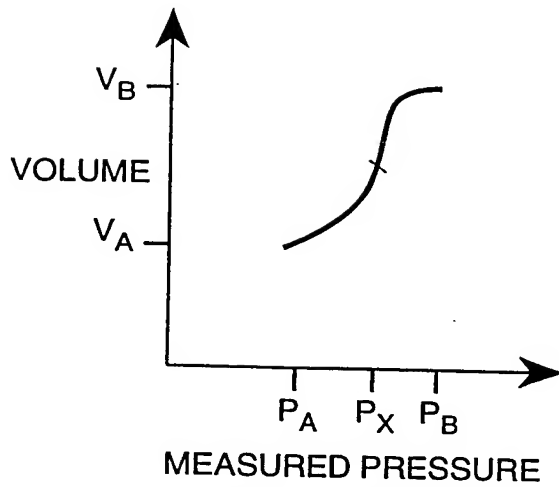


FIG. 6C

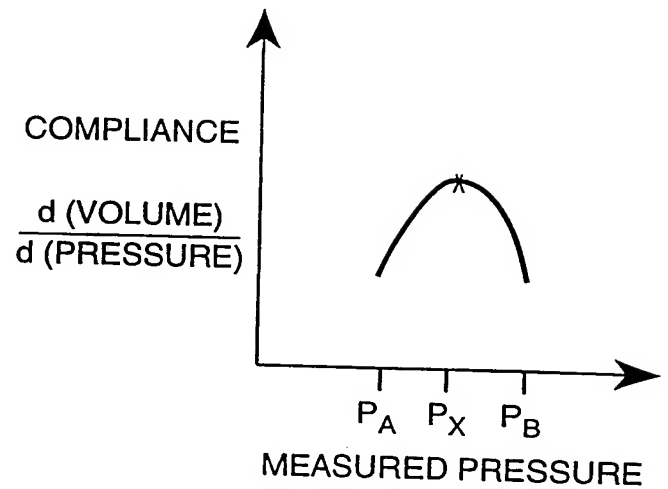


FIG. 6D

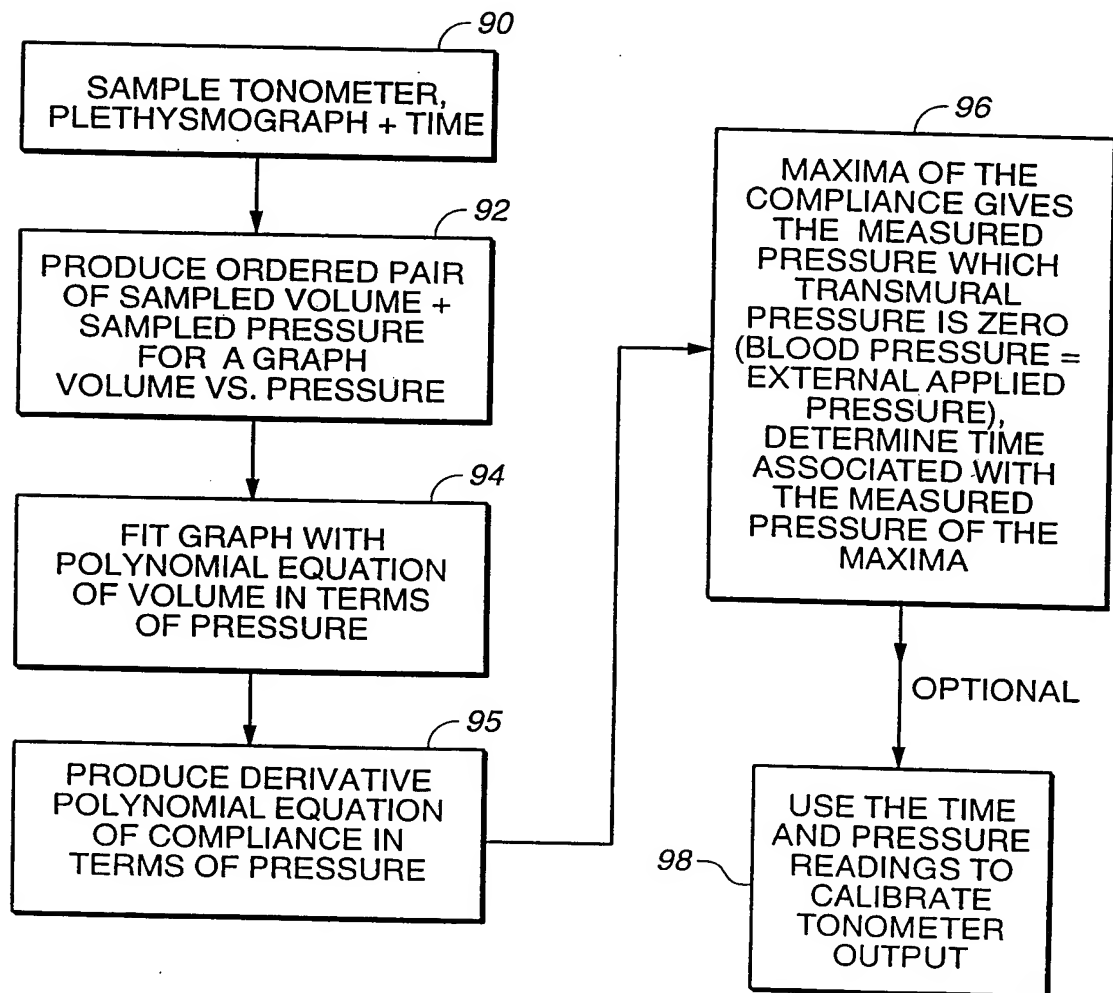


FIG. 7

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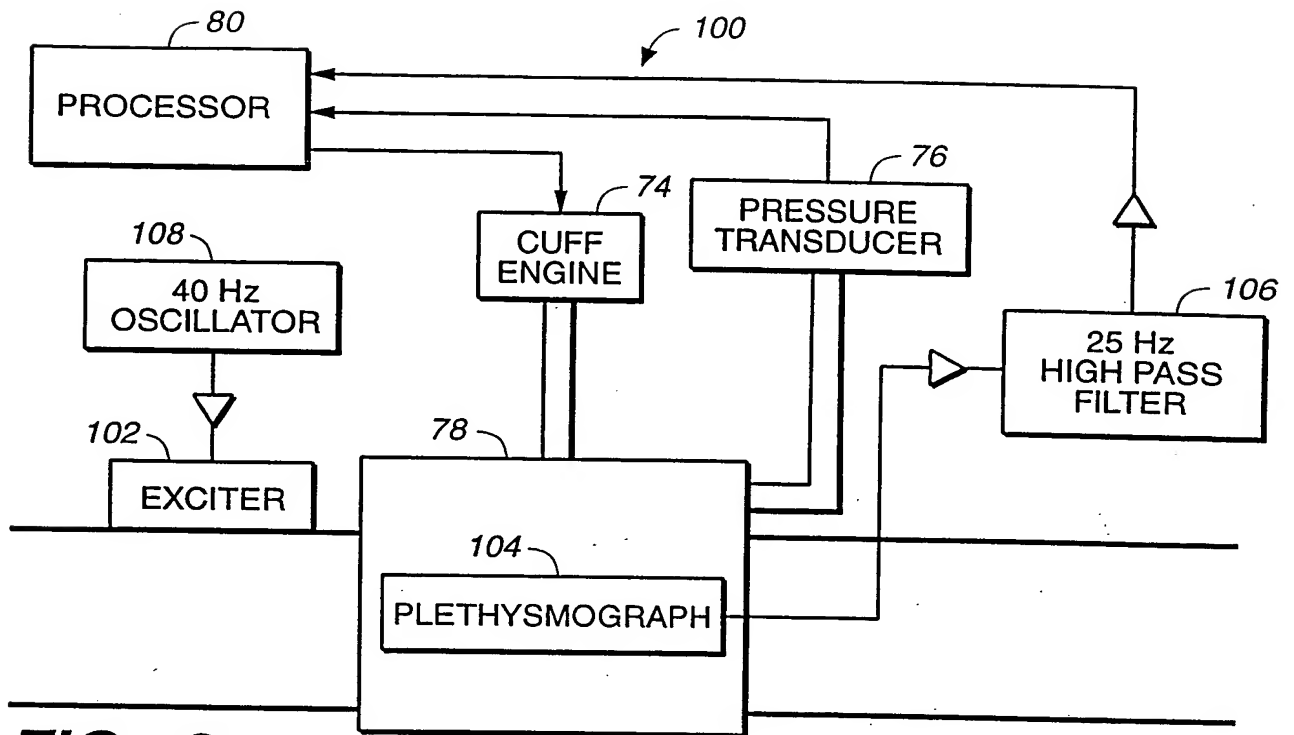


FIG. 8

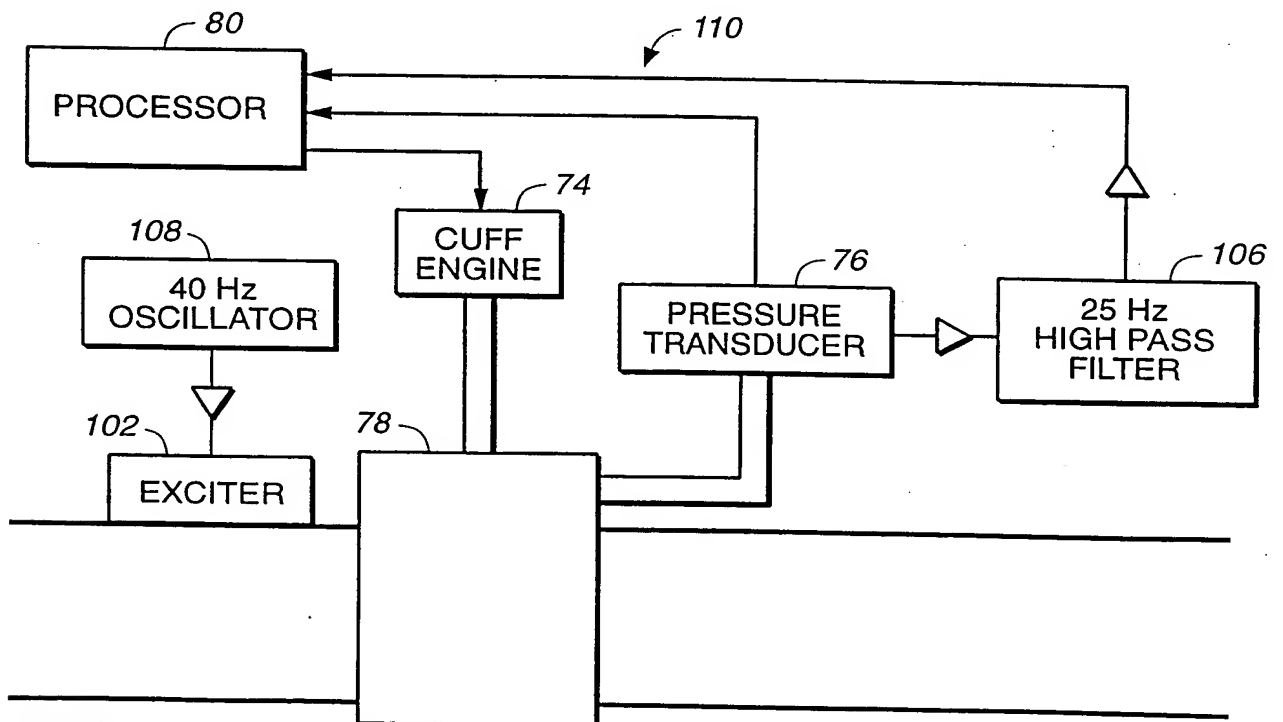


FIG. 9



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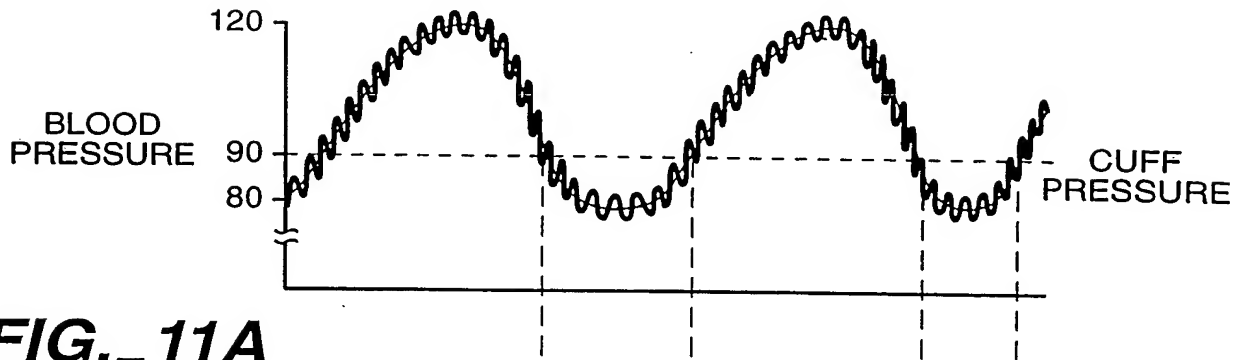


FIG. 11A

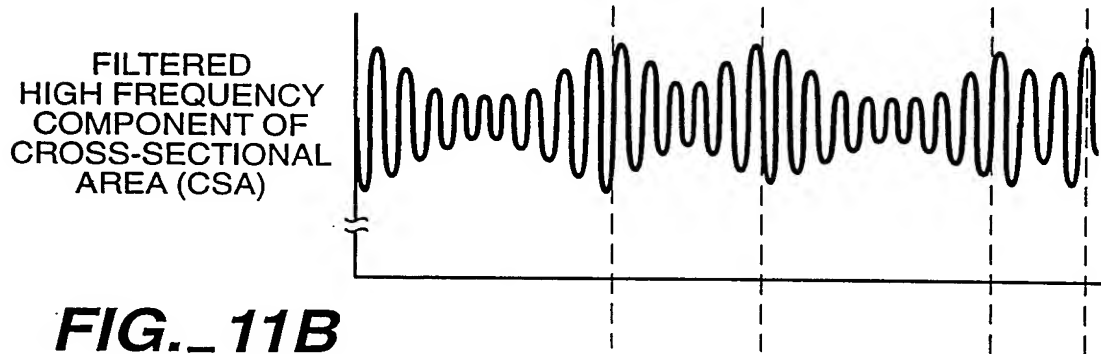


FIG. 11B

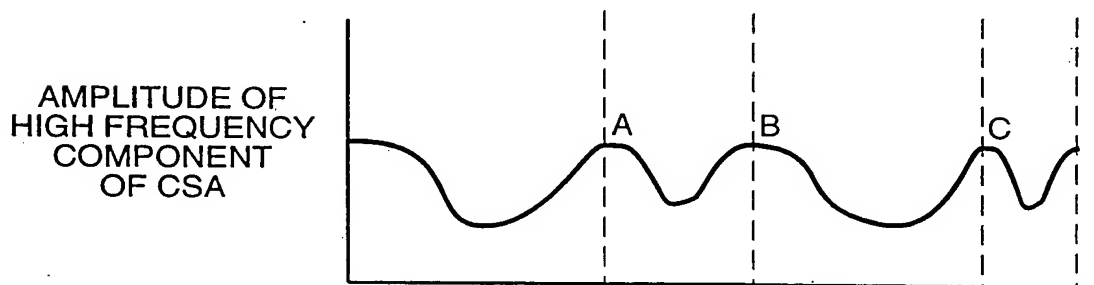


FIG. 11C



FIG. 12

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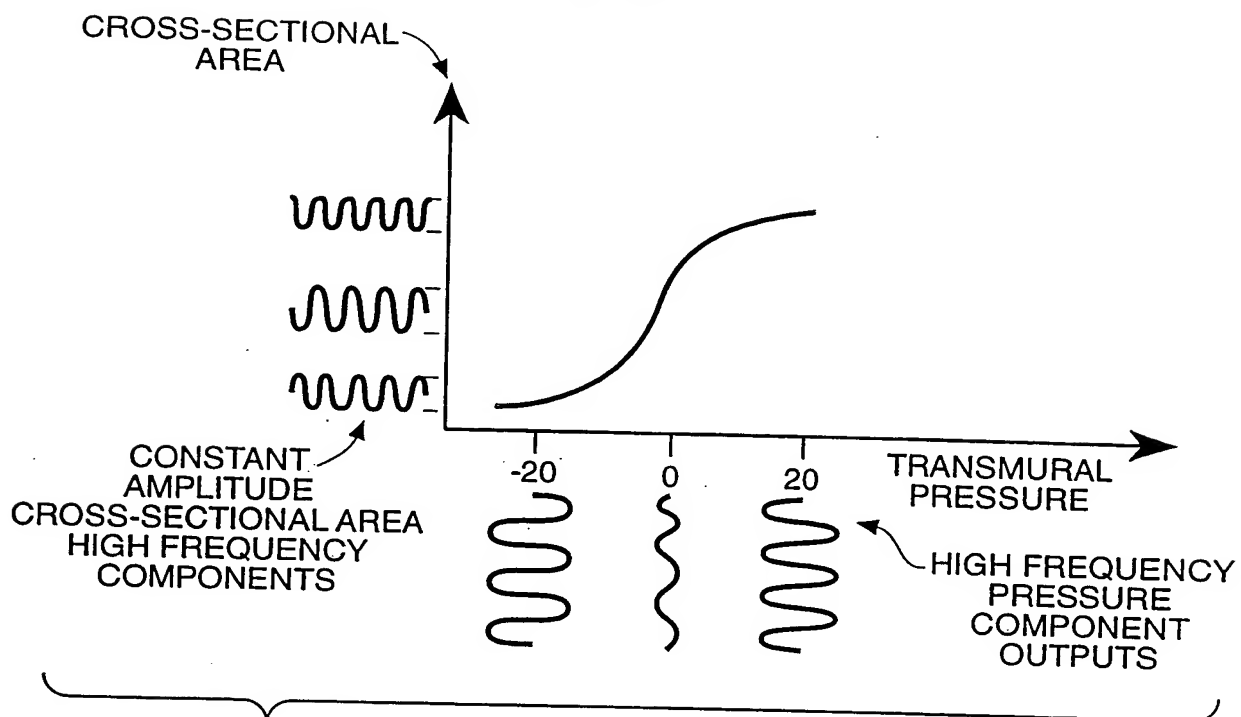


FIG. 14

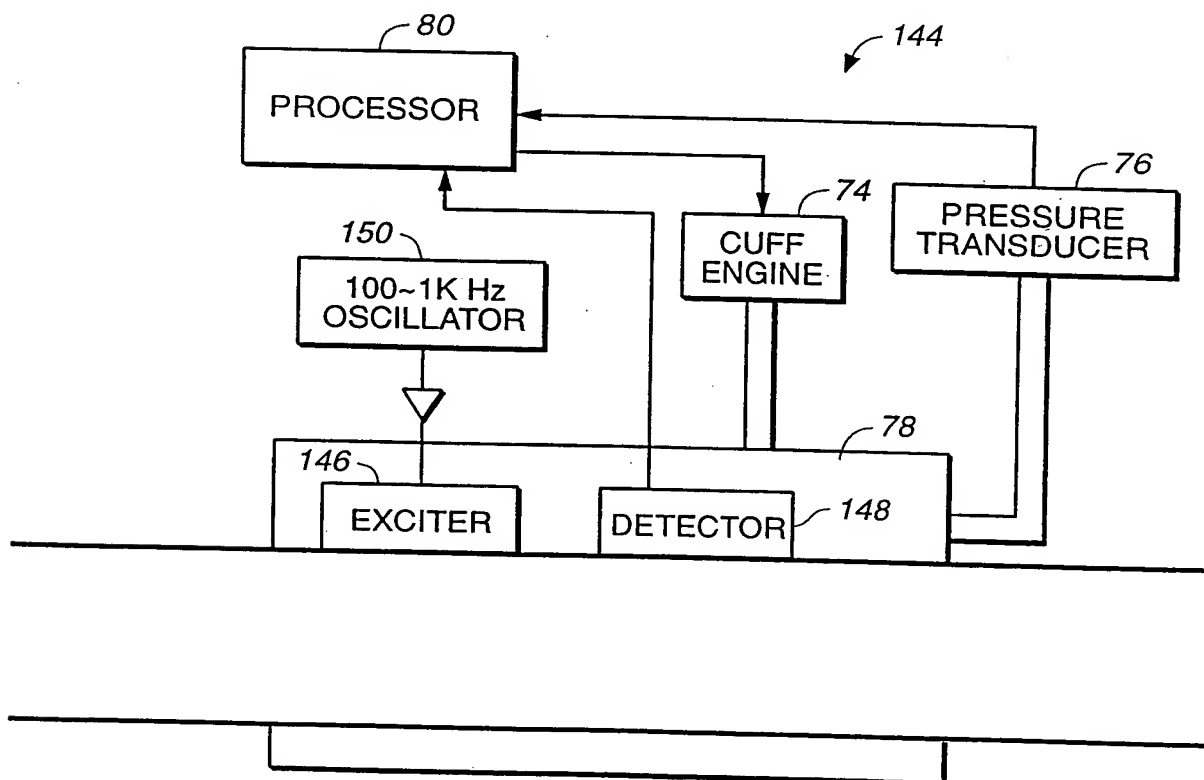


FIG. 17

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HIGH FREQUENCY
VOLUME SIGNAL

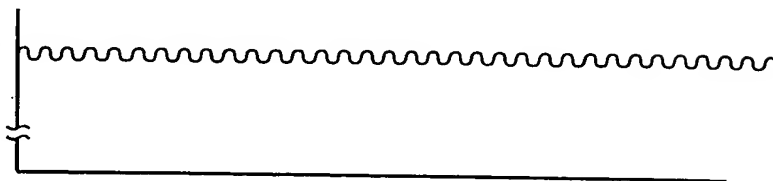


FIG. 15A

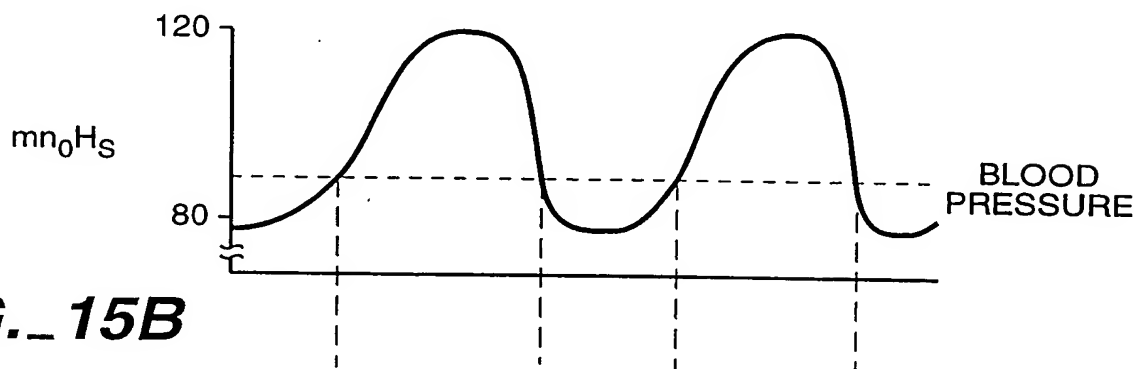


FIG. 15B

CUFF
PRESSURE

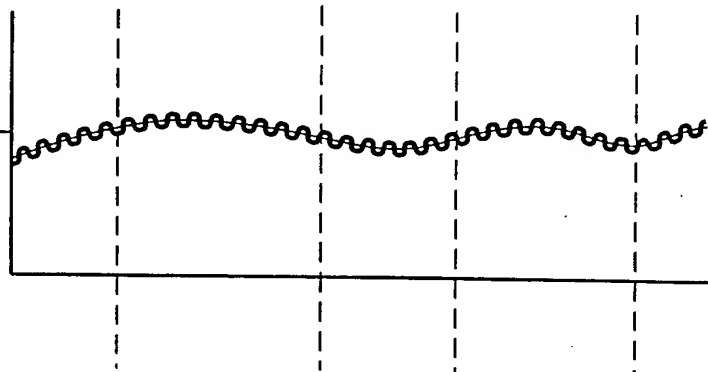


FIG. 15C

FILTERED
HIGH-FREQUENCY
PRESSURE
TRANSDUCER
SIGNAL

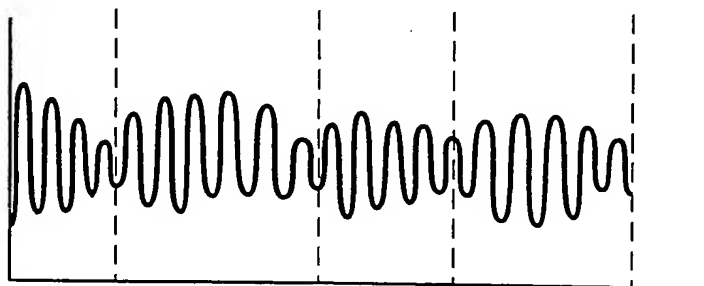
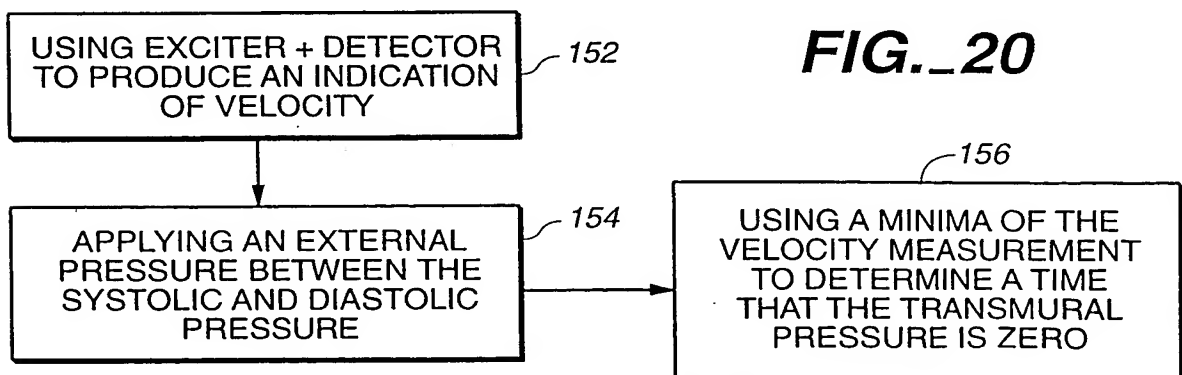
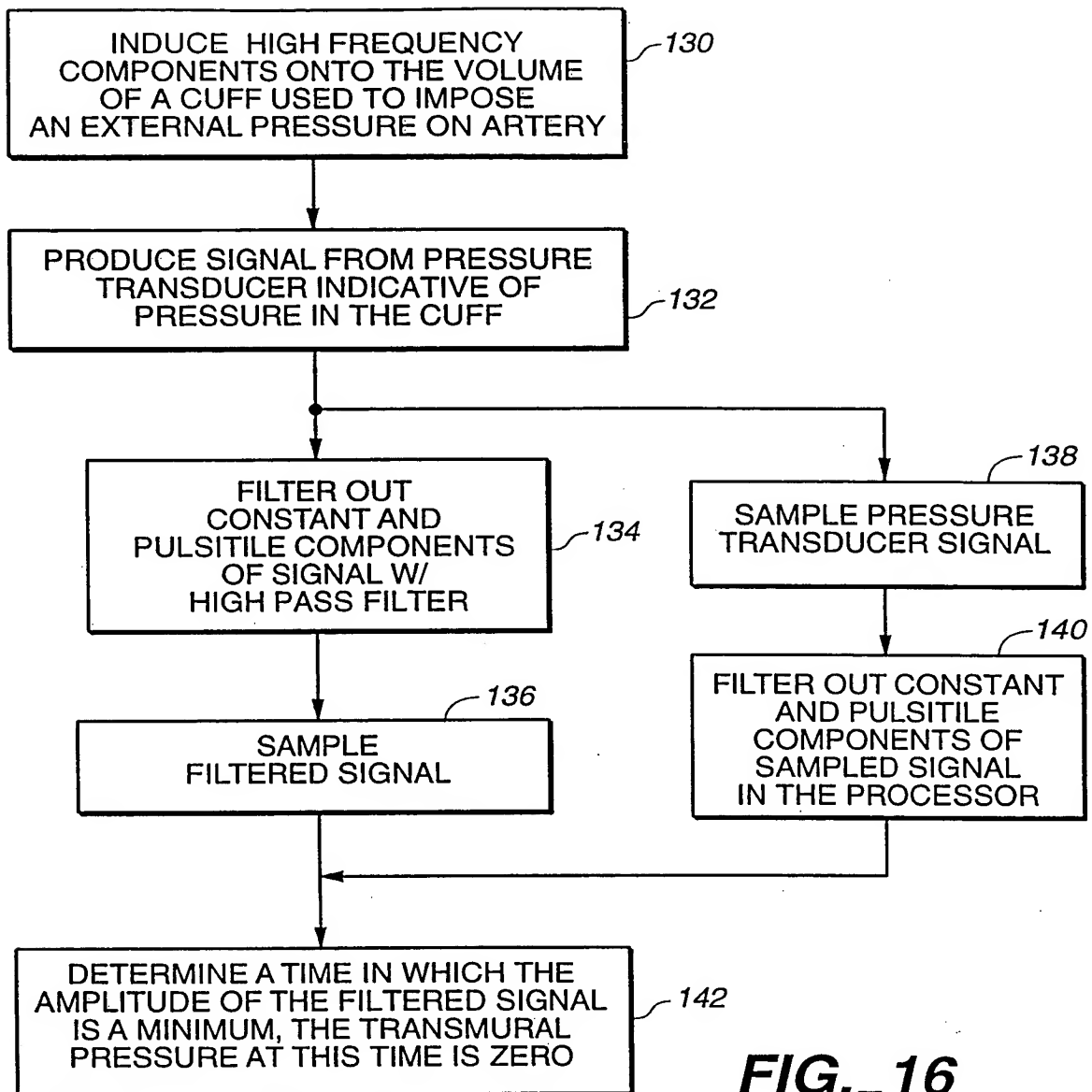


FIG. 15D

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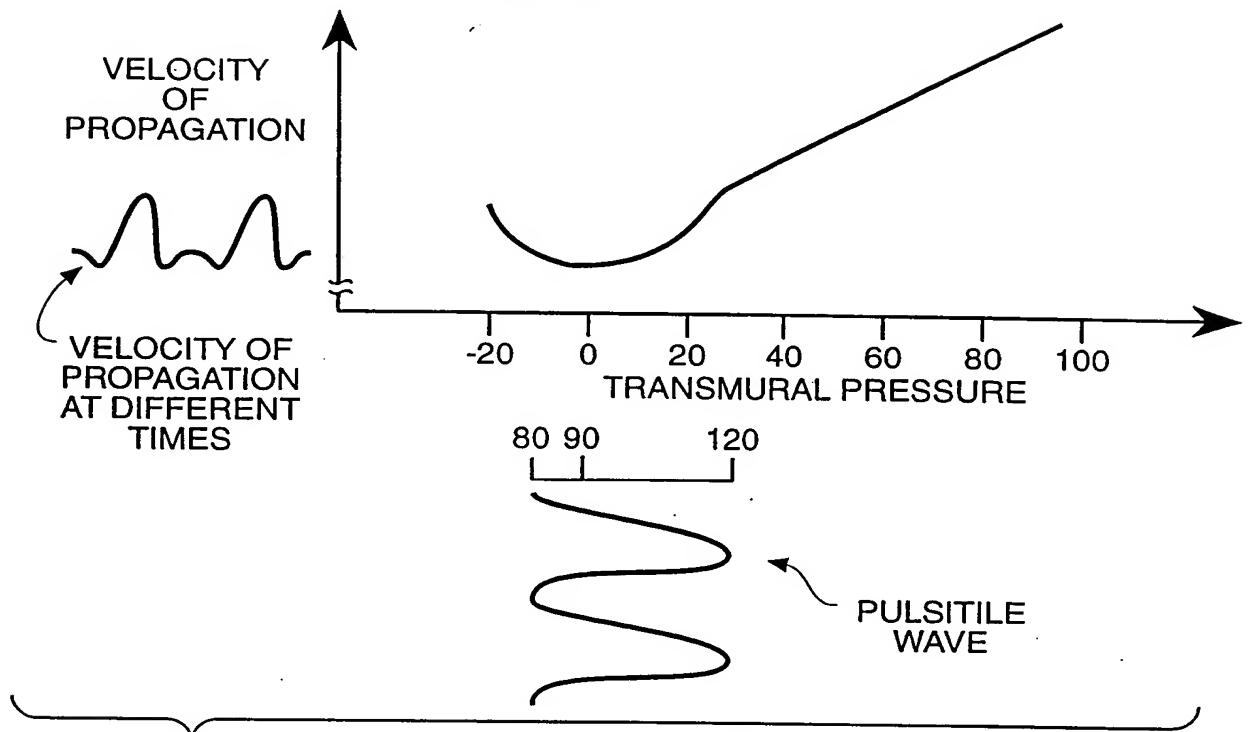


FIG._18

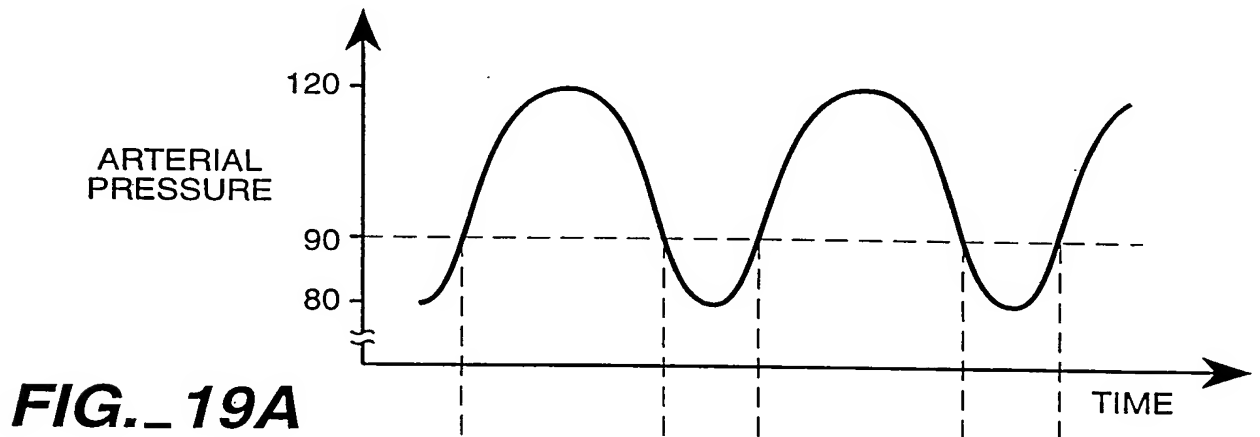


FIG._19A

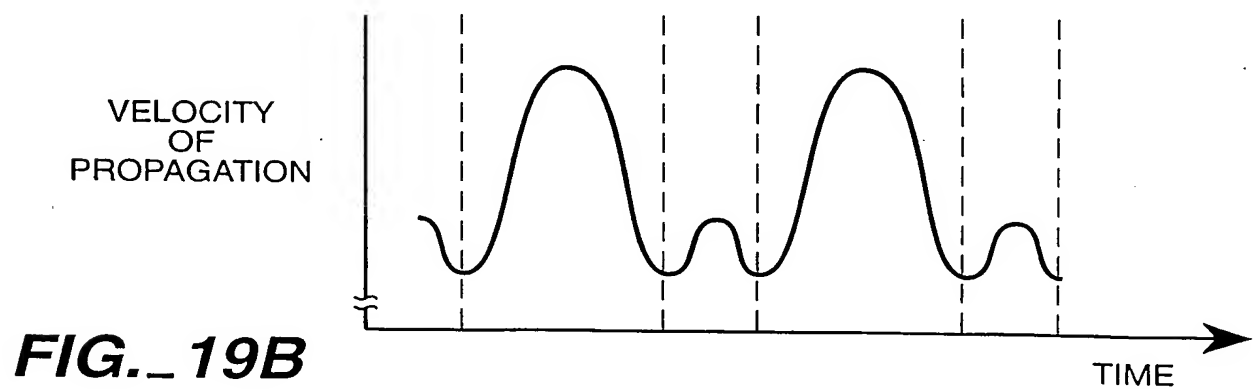


FIG._19B

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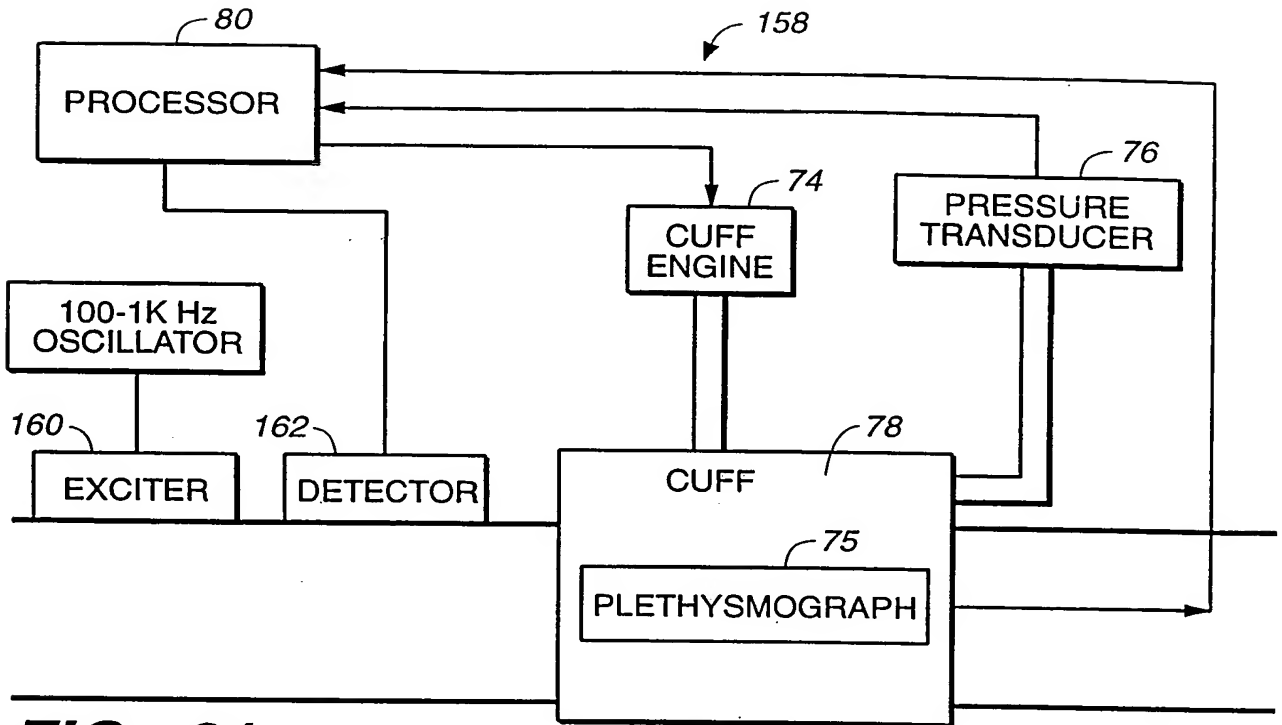


FIG. 21

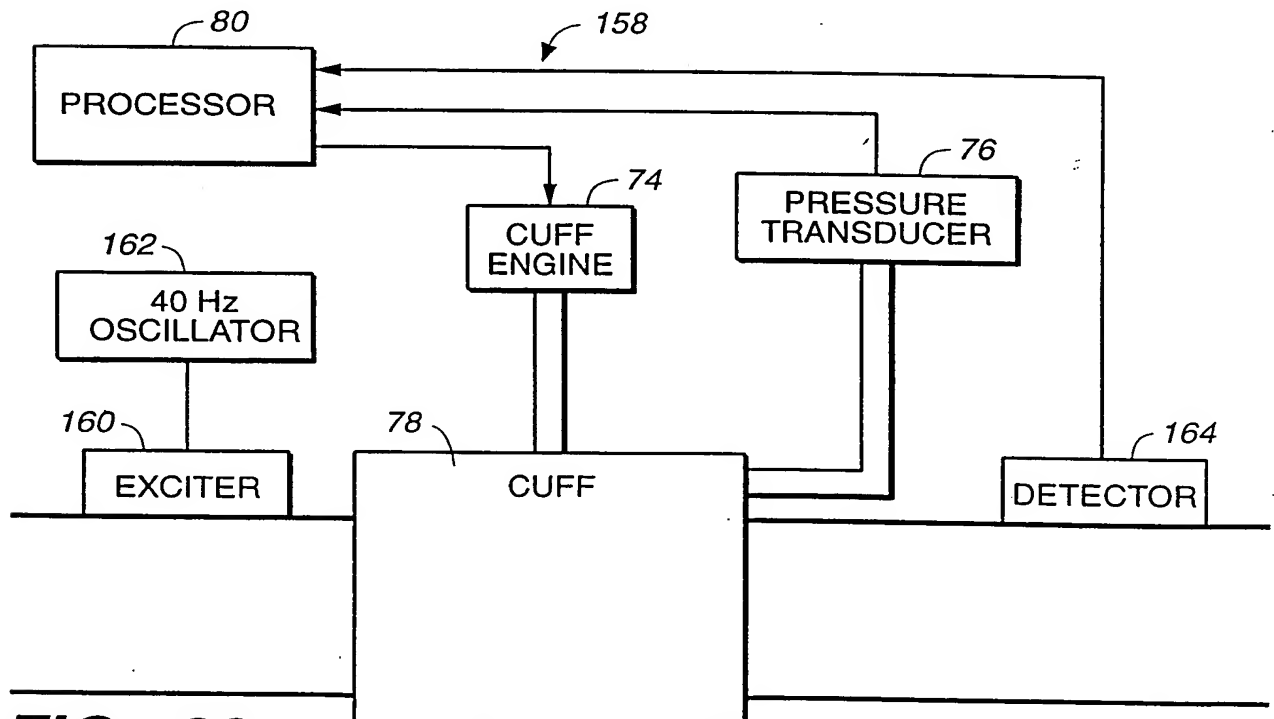
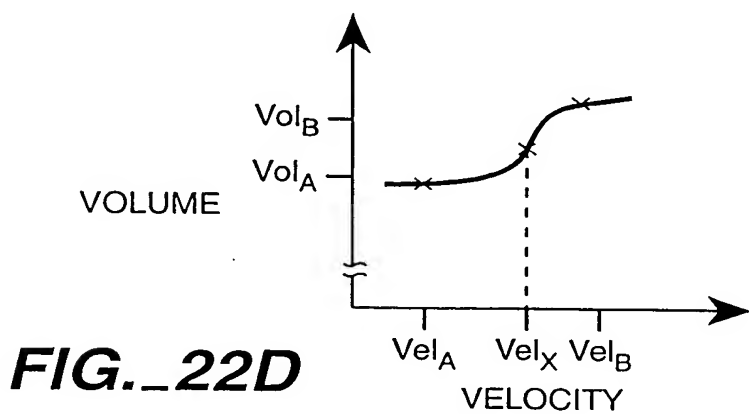
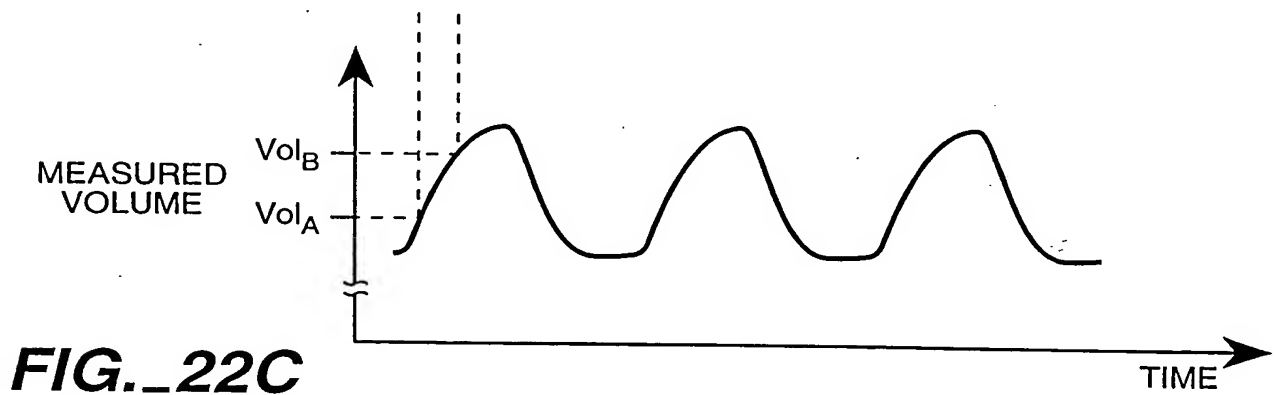
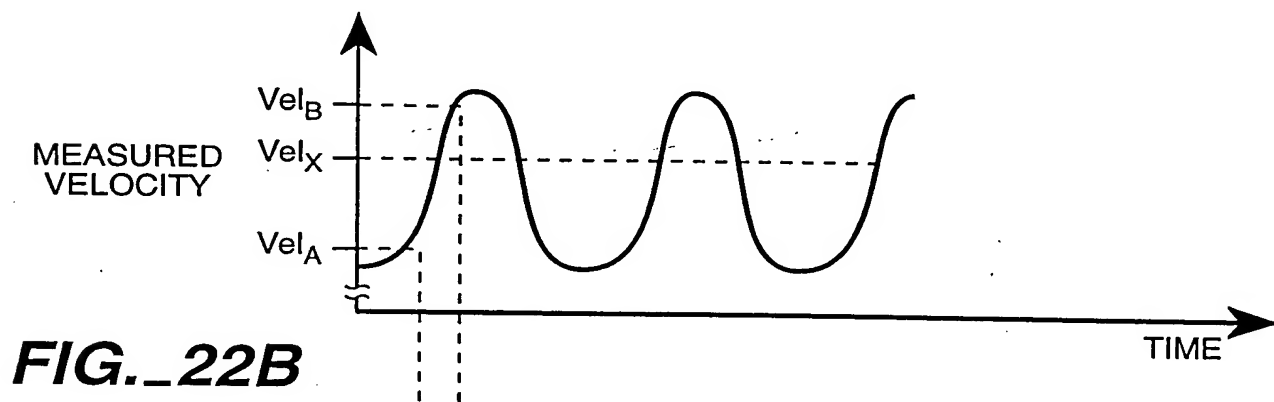
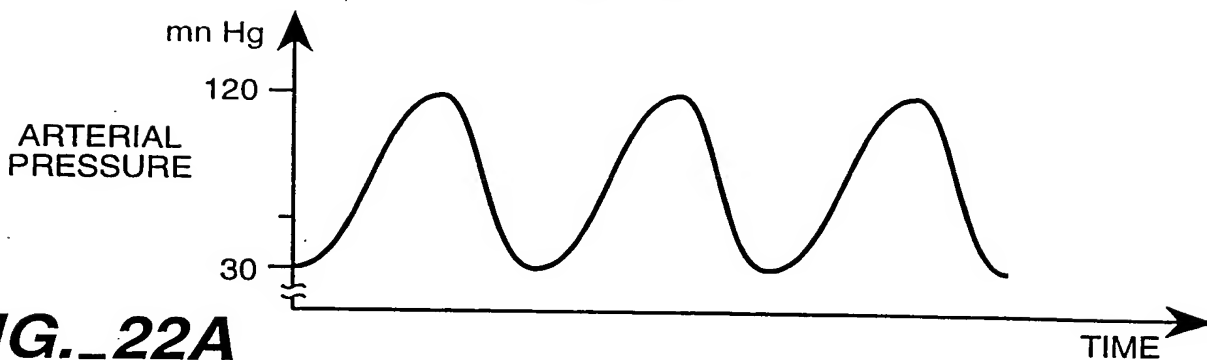


FIG. 23

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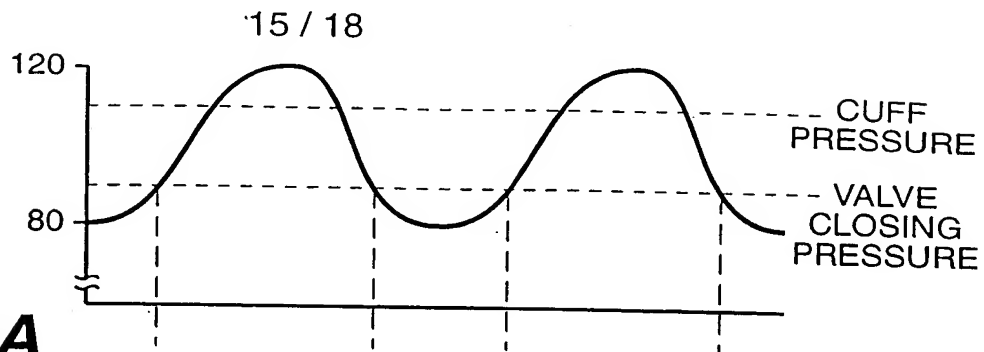


FIG. 24A

HIGH FREQUENCY
COMPONENT
EXCITATION

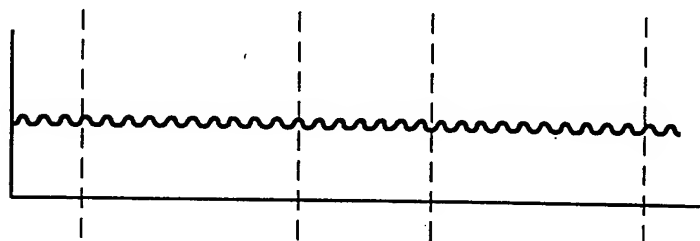


FIG. 24B

HIGH FREQUENCY
COMPONENT
DETECTOR

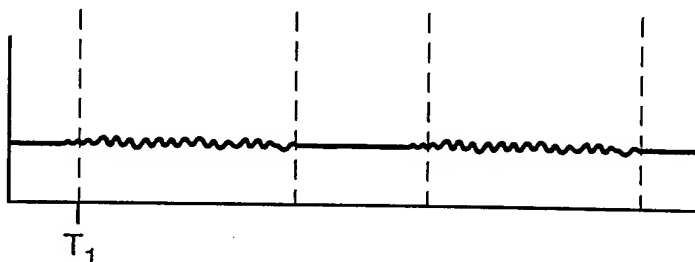


FIG. 24C

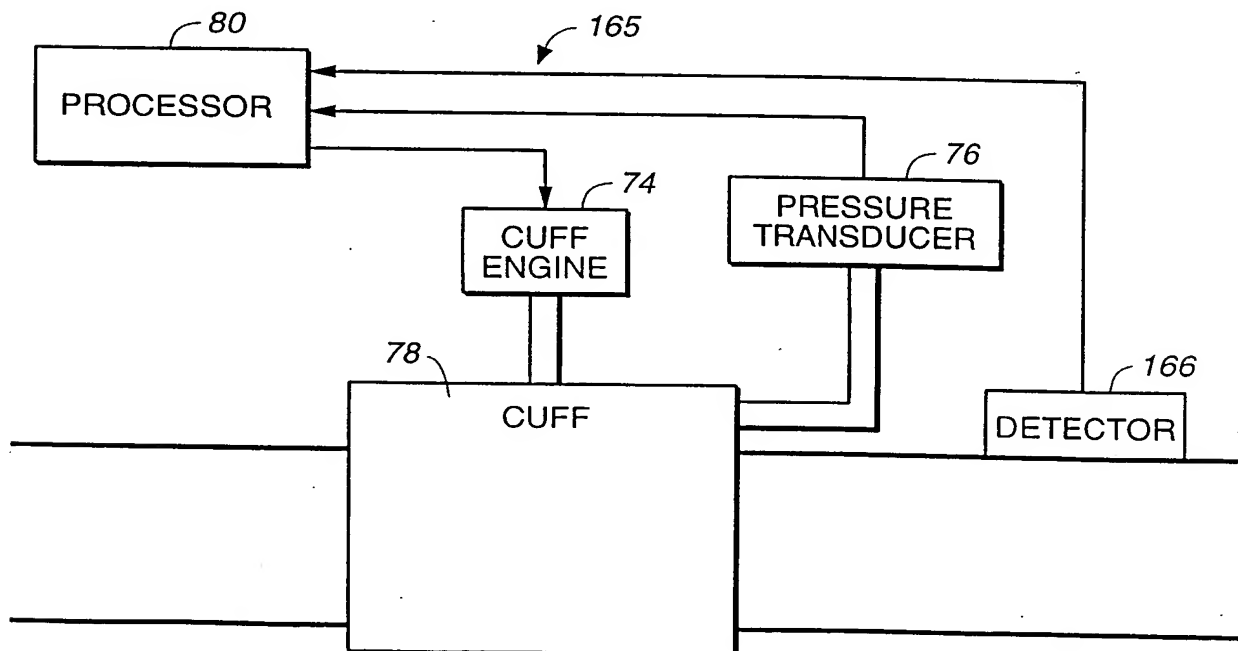
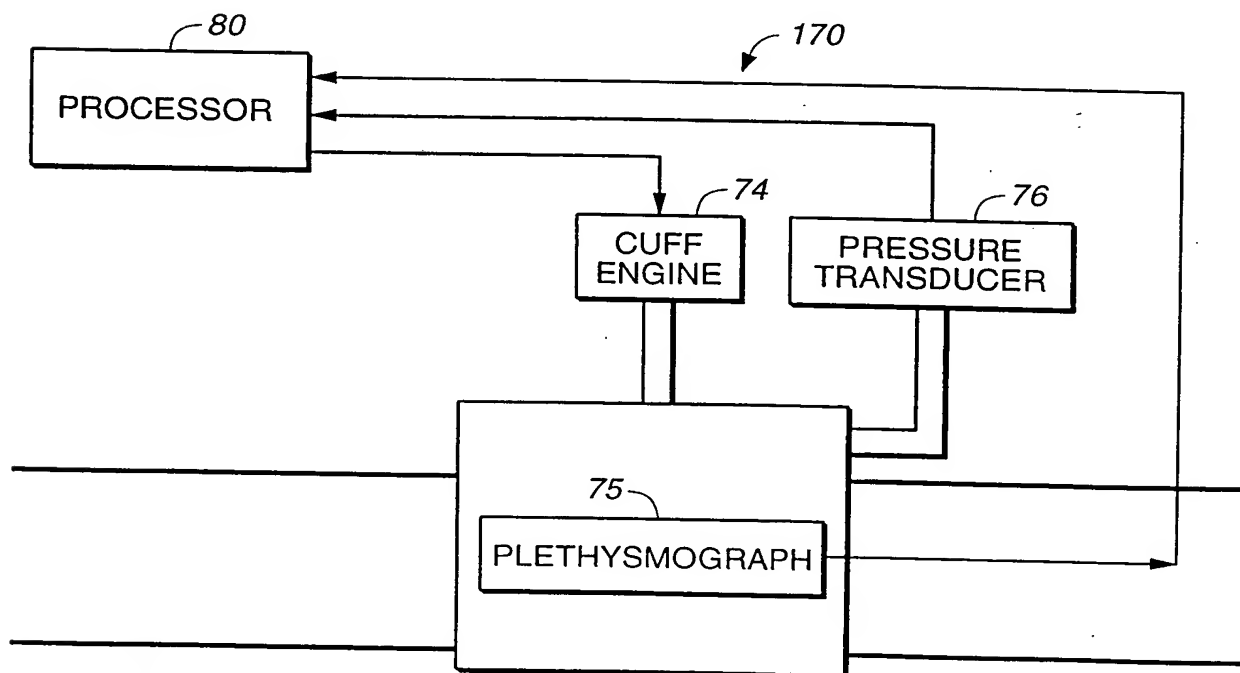
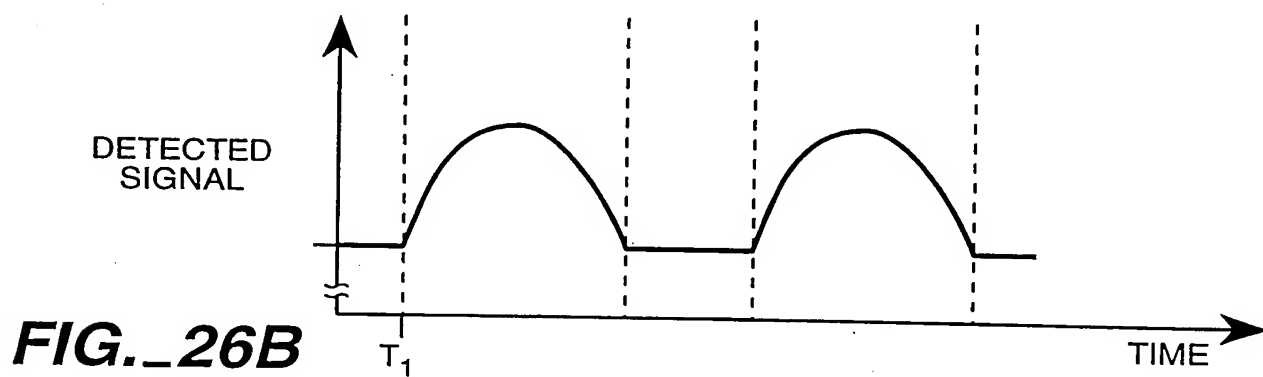
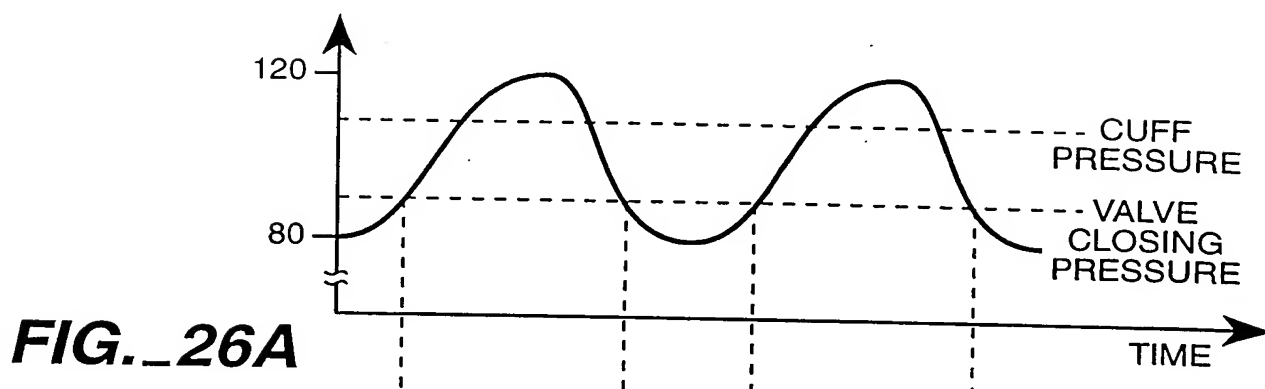


FIG. 25

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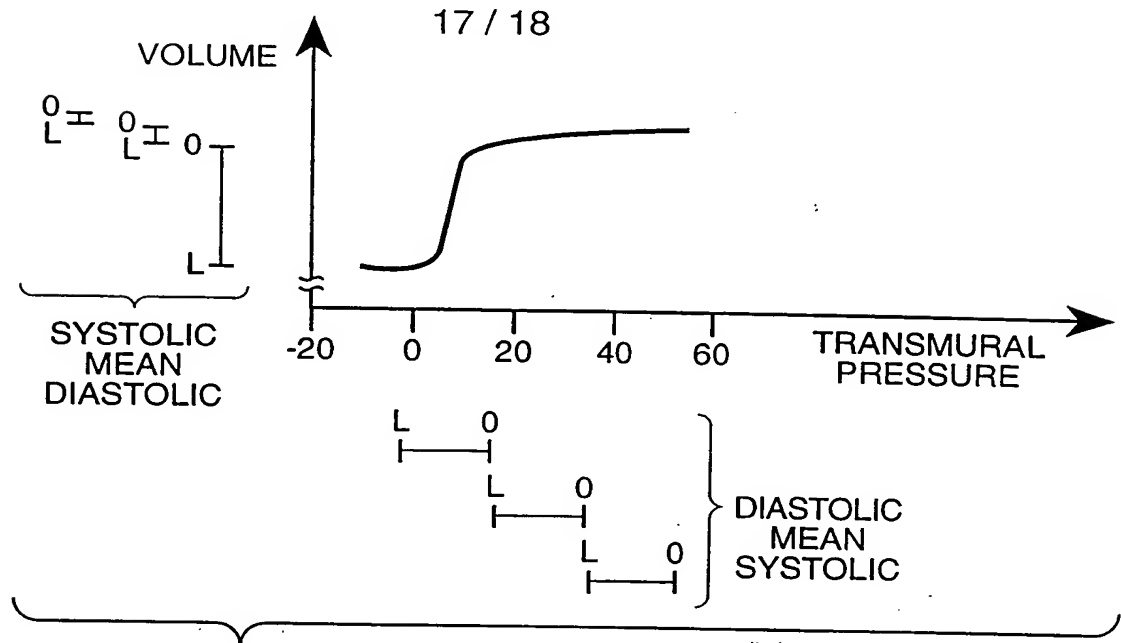


FIG._28

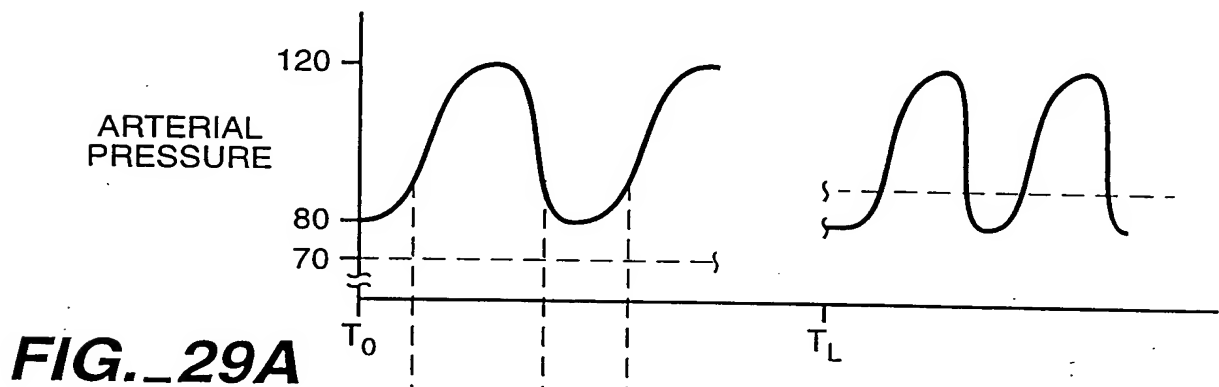


FIG._29A

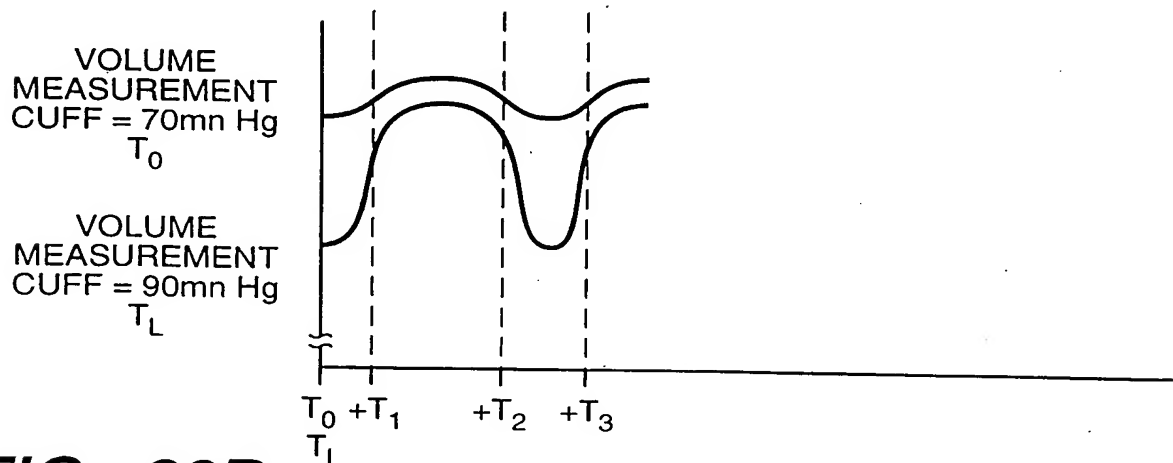


FIG._29B

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